

**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 03424.P048D  
(maximum 12 characters)First Named Inventor Gordon S. W. Craig, et al.Title: METHODS AND APPARATUSES RELATING TO BLOCK CONFIGURATIONS AND FLUID SELF-ASSEMBLY PROCESSESExpress Mail Label No. EV 336 590 452 USADDRESS TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-145003917 U.S. PTO  
10/689906  
102003**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 59)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 16)**
5. ☒ **Oath or Declaration (Total Pages 5)**
  - a. ☐ Newly Executed (Original or Copy)
  - b. ☒ Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i. ☐ **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
  - c. ☐ Unsigned.
6. ☐ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**
8. ☐ **Nucleotide and/or Amino Acid Sequence Submission**  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

# **ACCOMPANYING APPLICATION PARTS**

9. \_\_\_\_\_ Assignment Papers (cover sheet & documents(s))
10. \_\_\_\_\_ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
 \_\_\_\_\_ b. Power of Attorney
11. \_\_\_\_\_ English Translation Document (if applicable)
12. X a. **Information Disclosure Statement (IDS)/PTO-1449**  
 \_\_\_\_\_ b. Copies of IDS Citations
13. X **Preliminary Amendment**
14. X **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. \_\_\_\_\_ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. \_\_\_\_\_ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- 17A. \_\_\_\_\_ Claim for Foreign Priority
- 17B. \_\_\_\_\_ Other: \_\_\_\_\_

17C. X Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title (e.g., by way of preliminary amendment), or in an Application Data Sheet Under 37 C.F.R. 1.76:

\_\_\_\_\_ Continuation X Divisional \_\_\_\_\_ Continuation-in-part (CIP)  
 Of Prior Application No.: 10/193,807 Examiner Tsai, H. Jey Group Art Unit 2812  
 (which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_,  
 which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

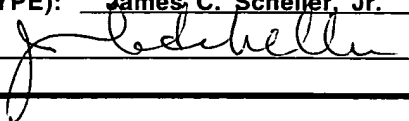
**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address  
 \_\_\_\_\_ Customer Number or Bar Code Label \_\_\_\_\_  
 or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)  
X Correspondence Address Below

NAME James C. Scheller, Jr.  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard  
Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026  
 Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-8383

Nam (PRINT/TYPE): James C. Scheller, Jr. Registrati n No.: 31,195  
 Signatur :  Date: 10/20/2003

**FEE TRANSMITTAL FOR FY 2004**

(FY 2004 Begins 10/01/2003)

**TOTAL AMOUNT OF PAYMENT (\$) 1262.00**

Complete if Known:

Application No. \_\_\_\_\_

Filing Date October 20, 2003First Named Inventor Gordon S. W. Craig, et al.

Examiner Name \_\_\_\_\_

Art Unit \_\_\_\_\_

Attorney Docket No. 03424.P048D☐ Applicant claims small entity status. See 37 CFR 1.27.**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit Account Number : 02-2666

Deposit Account Name: \_\_\_\_\_

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:☐ Charge fee(s) indicated below.☒ Credit any overpayments.☒ Charge any additional fees during the pendency of this application.☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.☐ Charge fee(s) indicated below except for the filing fee.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1001	770	2001	385	Utility application filing fee	<u>770.00</u>
1002	340	2002	170	Design application filing fee	_____
1003	530	2003	265	Plant filing fee	_____
1004	770	2004	385	Reissue filing fee	_____
1005	160	2005	80	Provisional application filing fee	_____
SUBTOTAL (1)\$					<u>770.00</u>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims <u>33</u> - 20 = <u>13</u>	X	<u>18.00</u>	= <u>234.00</u>
Independent Claims <u>6</u> - 3 = <u>3</u>	X	<u>86.00</u>	= <u>258.00</u>
Multiple Dependent Claims <u>0</u>	X	_____	= <u>0</u>

\*\*Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity		Fee Description
Code	Fee (\$)	Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims v r original pat nt
1205	18	2205	9	**Reissue claims in excess of 20 and over original pat nt

SUBTOTAL (2)\$ 492.00

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>		<u>F</u>	<u>Descripti n</u>	<u>Fee Paid</u>
<u>Fe</u>	<u>Fee</u>	<u>F e</u>	<u>Fee</u>			
<u>Cod</u>	<u>( \$ )</u>	<u>Code</u>	<u>( \$ )</u>			
1051	130	2051	65		Surcharge - late filing fee or oath	_____
1052	50	2052	25		Surcharge - late provisional filing fee or cover sheet	_____
1053	130	1053	130		Non-English specification	_____
1812	2,520	1812	2,520		For filing a request for ex parte reexamination	_____
1813	8,800	1813	8,800		Request for inter parties reexamination	_____
1804	920*	1804	920*		Requesting publication of SIR prior to Examiner action	_____
1805	1,840*	1805	1,840*		Requesting publication of SIR after Examiner action	_____
1251	110	2251	55		Extension for reply within first month	_____
1252	420	2252	210		Extension for reply within second month	_____
1253	950	2253	475		Extension for reply within third month	_____
1254	1,480	2254	740		Extension for reply within fourth month	_____
1255	2,010	2255	1,005		Extension for reply within fifth month	_____
1401	330	2401	165		Notice of Appeal	_____
1402	330	2402	165		Filing a brief in support of an appeal	_____
1403	290	2403	145		Request for oral hearing	_____
1451	1,510	1451	1,510		Petition to institute a public use proceeding	_____
1452	110	2452	55		Petition to revive - unavoidable	_____
1453	1,330	2453	665		Petition to revive - unintentional	_____
1501	1,330	2501	665		Utility issue fee (or reissue)	_____
1502	480	2502	240		Design issue fee	_____
1503	640	2503	320		Plant issue fee	_____
1460	130	1460	130		Petitions to the Commissioner	_____
1807	50	1807	50		Processing fee under 37 CFR 1.17(q)	_____
1806	180	1806	180		Submission of Information Disclosure Stmt	_____
8021	40	8021	40		Recording each patent assignment per property (times number of properties)	_____
1809	770	2809	385		For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
1814	110	2814	55		Statutory Disclaimer	_____
1810	770	2810	385		For each additional invention to be examined (see 37 CFR 1.129(b))	_____
1801	770	2801	385		Request for Continued Examination (RCE)	_____
1802	900	1802	900		Request for expedited examination of a design application	_____
1504	300	1504	300		Publication fee for early, voluntary, or normal pub.	_____
1505	300	1505	300		Publication fee for republication	_____
1803	130	1803	130		Request for voluntary publication or republication	_____
1808	130	1808	130		Processing fee under 37 CFR 1.17(i) (except provisionals)	_____
1454	1,330	1454	1,330		Acceptance of unintentionally delayed claim for priority	_____

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$ 0**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**Typed or Printed Name: James G. Scheller, Jr.Signature:  Date: 10/20/2003R g. Number: 31195 T leph n Number: (408) 720-8300

Send t : Commissi n r f r Patents, P.O. Box 1450, Alexandria, VA 22313-1450